Suggested Reading

Main Session: Evaluation and Management of Cardiogenic Shock

1. Baran DA, Grines CL, Bailey S, et al. SCAI clinical expert consensus statement on the classification of cardiogenic shock: This document was endorsed by the American College of Cardiology (ACC), the American Heart Association (AHA), the Society of Critical Care Medicine (SCCM), and the Society of Thoracic Surgeons (STS) in April 2019. *Catheter Cardiovasc Interv.* 2019;94:29-37. DOI: 10.1002/ccd.28329
2. Roswell RO, Wong MP, Stefanescu Schmidt AC, et al. Case 8-2024: A 55-Year-Old Man with Cardiac Arrest, Cardiogenic Shock, and Hypoxemia. *N Engl J Med.* 2024;390:1030-1043. DOI: 10.1056/NEJMcpc2300970

Group 1: Early Identification and Initial Management

3. Abraham J, Blumer V, Burkhoff D, et al. Heart Failure-Related Cardiogenic Shock: Pathophysiology, Evaluation and Management Considerations: Review of Heart Failure-Related Cardiogenic Shock. *J Card Fail*. 2021;27:1126-1140. DOI: 10.1016/j.cardfail.2021.08.010
4. Garan AR, Kataria R, Li B, et al. Outcomes of Patients Transferred to Tertiary Care Centers for Treatment of Cardiogenic Shock: A Cardiogenic Shock Working Group Analysis. *J Card Fail*. 2023. DOI: 10.1016/j.cardfail.2023.09.003
5. Kapur NK, Kanwar M, Sinha SS, et al. Criteria for Defining Stages of Cardiogenic Shock Severity. *J Am Coll Cardiol.* 2022;80:185-198. DOI: 10.1016/j.jacc.2022.04.049
6. Naidu SS, Baran DA, Jentzer JC, et al. SCAI SHOCK Stage Classification Expert Consensus Update: A Review and Incorporation of Validation Studies: This statement was endorsed by the American College of Cardiology (ACC), American College of Emergency Physicians (ACEP), American Heart Association (AHA), European Society of Cardiology (ESC) Association for Acute Cardiovascular Care (ACVC), International Society for Heart and Lung Transplantation (ISHLT), Society of Critical Care Medicine (SCCM), and Society of Thoracic Surgeons (STS) in December 2021. *J Am Coll Cardiol.* 2022;79:933-946. DOI: 10.1016/j.jacc.2022.01.018
7. Sinha SS, Rosner CM, Tehrani BN, et al. Cardiogenic Shock From Heart Failure Versus Acute Myocardial Infarction: Clinical Characteristics, Hospital Course, and 1-Year Outcomes. *Circ Heart Fail.* 2022;15:e009279. DOI: 10.1161/CIRCHEARTFAILURE.121.009279
8. Tehrani BN, Sherwood MW, Rosner C, et al. A Standardized and Regionalized Network of Care for Cardiogenic Shock. *JACC Heart Fail.* 2022;10:768-781. DOI: 10.1016/j.jchf.2022.04.004
9. Tehrani BN, Truesdell AG, Psotka MA, et al. A Standardized and Comprehensive Approach to the Management of Cardiogenic Shock. *JACC Heart Fail*. 2020;8:879-891. DOI: 10.1016/j.jchf.2020.09.005

10. van Diepen S, Katz JN, Albert NM, et al. Contemporary Management of Cardiogenic Shock: A Scientific Statement From the American Heart Association. *Circulation*. 2017;136:e232-e268. DOI: 10.1161/CIR.0000000000000525

Group 2: Hemodynamics

11. Berg DD, Kaur G, Bohula EA, et al. Prognostic significance of haemodynamic parameters in patients with cardiogenic shock. *Eur Heart J Acute Cardiovasc Care*. 2023;12:651-660. DOI: 10.1093/ehjacc/zuad095
12. Garan AR, Kanwar M, Thayer KL, et al. Complete Hemodynamic Profiling With Pulmonary Artery Catheters in Cardiogenic Shock Is Associated With Lower In-Hospital Mortality. *JACC Heart Fail*. 2020;8:903-913. DOI: 10.1016/j.jchf.2020.08.012
13. Hernandez-Montfort J, Sinha SS, Thayer KL, et al. Clinical Outcomes Associated With Acute Mechanical Circulatory Support Utilization in Heart Failure Related Cardiogenic Shock. *Circ Heart Fail*. 2021;14:e007924. DOI: 10.1161/CIRCHEARTFAILURE.120.007924
14. Kadosh BS, Berg DD, Bohula EA, et al. Pulmonary Artery Catheter Use and Mortality in the Cardiac Intensive Care Unit. *JACC Heart Fail*. 2023;11:903-914. DOI: 10.1016/j.jchf.2023.04.007
15. Kanwar MK, Blumer V, Zhang Y, et al. Pulmonary Artery Catheter Use and Risk of In-hospital Death in Heart Failure Cardiogenic Shock. *J Card Fail*. 2023;29:1234-1244. DOI: 10.1016/j.cardfail.2023.05.001
16. Saxena A, Garan AR, Kapur NK, et al. Value of Hemodynamic Monitoring in Patients With Cardiogenic Shock Undergoing Mechanical Circulatory Support. *Circulation*. 2020;141:1184-1197. DOI: 10.1161/CIRCULATIONAHA.119.043080
17. Thayer KL, Zweck E, Ayouty M, et al. Invasive Hemodynamic Assessment and Classification of In-Hospital Mortality Risk Among Patients With Cardiogenic Shock. *Circ Heart Fail*. 2020;13:e007099. DOI: 10.1161/CIRCHEARTFAILURE.120.007099

Group 3: Pharmacology Management

18. Byrne RA, Rossello X, Coughlan JJ, et al. 2023 ESC Guidelines for the management of acute coronary syndromes. *Eur Heart J Acute Cardiovasc Care*. 2024;13:55-161. DOI: 10.1093/eurheartj/ehad191 *Cardiogenic shock complicating acute coronary syndrome Section*
19. De Backer D, Biston P, Devriendt J, et al. Comparison of dopamine and norepinephrine in the treatment of shock. *N Engl J Med*. 2010;362:779-789. DOI: 10.1056/NEJMoa0907118
20. Heidenreich PA, Bozkurt B, Aguilar D, et al. 2022 AHA/ACC/HFSA Guideline for the Management of Heart Failure: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. *J Am Coll Cardiol*. 2022; 79:e263-e421. DOI: 10.1016/j.jacc.2021.12.012 *Section 9.5*

21. Levy B, Clere-Jehl R, Legras A, et al. Epinephrine Versus Norepinephrine for Cardiogenic Shock After Acute Myocardial Infarction. *J Am Coll Cardiol*. 2018;72:173-182. DOI: 10.1016/j.jacc.2018.04.051
22. Mathew R, Di Santo P, Jung RG, et al. Milrinone as Compared with Dobutamine in the Treatment of Cardiogenic Shock. *N Engl J Med.* 2021;385:516-525. DOI: 10.1056/NEJMoa2026845
23. van Diepen S. Norepinephrine as a First-Line Inopressor in Cardiogenic Shock: Oversimplification or Best Practice? *J Am Coll Cardiol*. 2018;72:183-186. DOI: 10.1016/j.jacc.2018.04.052
24. van Diepen S, Katz JN, Albert NM, et al. Contemporary Management of Cardiogenic Shock: A Scientific Statement From the American Heart Association. *Circulation*. 2017;136:e232-e268. DOI: 10.1161/CIR.0000000000000525 *Management of CS/Vasopressors and Inotropes Section*

Group 4: Mechanical Circulatory Support

25. Basir MB, Lemor A, Gorgis S, et al. Early Utilization of Mechanical Circulatory Support in Acute Myocardial Infarction Complicated by Cardiogenic Shock: The National Cardiogenic Shock Initiative. *J Am Heart Assoc*. 2023;12:e031401. DOI: 10.1161/JAHA.123.031401
26. Fried JA, Nair A, Takeda K, et al. Clinical and hemodynamic effects of intra-aortic balloon pump therapy in chronic heart failure patients with cardiogenic shock. *J Heart Lung Transplant*. 2018;37:1313-1321. DOI: 10.1016/j.healun.2018.03.011
27. Grandin EW, Nunez JI, Willar B, et al. Mechanical Left Ventricular Unloading in Patients Undergoing Venoarterial Extracorporeal Membrane Oxygenation. *J Am Coll Cardiol.* 2022;79:1239-1250. DOI: 10.1016/j.jacc.2022.01.032
28. Hanson ID, Rusia A, Palomo A, et al. Treatment of Acute Myocardial Infarction and Cardiogenic Shock: Outcomes of the RECOVER III Postapproval Study by Society of Cardiovascular Angiography and Interventions Shock Stage. *J Am Heart Assoc.* 2024;13:e031803. DOI: 10.1161/JAHA.123.031803
29. Kwon JH, Bentley D, Cevasco M, et al. Patient Characteristics and Early Clinical Outcomes With Impella 5.5: A Systematic Review and Meta-Analysis. *ASAIO J.* 2024. DOI: 10.1097/MAT.0000000000002169
30. Moller JE, Gerke O, DanGer Shock I. Danish-German cardiogenic shock trial-DanGer shock: Trial design update. *Am Heart J.* 2023;255:90-93. DOI: 10.1016/j.ahj.2022.10.078
31. Soltes J, Rob D, Kavalkova P, et al. Growing Evidence for LV Unloading in VA ECMO. *J Clin Med*. 2023;12:6069. DOI: 10.3390/jcm12186069
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33. Ubben JFH, Heuts S, Delnoij TSR, et al. Extracorporeal cardiopulmonary resuscitation for refractory OHCA: lessons from three randomized controlled trials-the trialists' view. *Eur Heart J Acute Cardiovasc Care*. 2023;12:540-547. DOI: 10.1093/ehjacc/zuad071

Group 5: Critical Care

34. Alviar CL, Miller PE, McAreavey D, et al. Positive Pressure Ventilation in the Cardiac Intensive Care Unit. *J Am Coll Cardiol.* 2018;72:1532-1553. DOI: 10.1016/j.jacc.2018.06.074
35. Damluji AA, Tehrani B, Sinha SS, et al. Position Statement on Vascular Access Safety for Percutaneous Devices in AMI Complicated by Cardiogenic Shock. *JACC Cardiovasc Interv*. 2022;15:2003-2019. DOI: 10.1016/j.jcin.20-22.08.041
36. Fordyce CB, Katz JN, Alviar CL, et al. Prevention of Complications in the Cardiac Intensive Care Unit: A Scientific Statement From the American Heart Association. *Circulation*. 2020;142:e379-e406. DOI: 10.1161/CIR.0000000000000909
37. Geller BJ, Sinha SS, Kapur NK, et al. Escalating and De-escalating Temporary Mechanical Circulatory Support in Cardiogenic Shock: A Scientific Statement From the American Heart Association. *Circulation*. 2022;146:e50-e68. DOI: 10.1161/CIR.0000000000001076